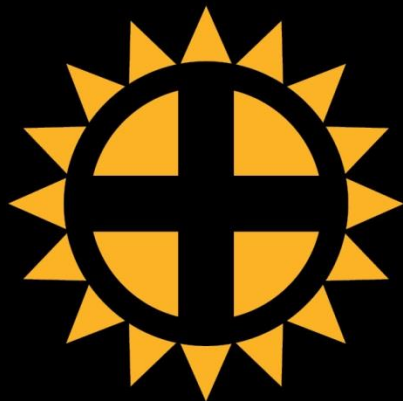




PARTNERS IN HEALTH

STATE TRIBAL RELATIONS EVENTS 2018





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Public Health Data

February 27, 2018

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State Epidemiologist
South Dakota Department of Health

Health Disparities Defined

“types of unfair health differences closely linked with social, economic, or environmental disadvantages that adversely affect groups of people.”

DOH Strategic Plan, 2015-2020

Mission

To promote, protect and improve the health of every South Dakotan

Guiding Principles

Serve with integrity and respect

Eliminate health disparities

Demonstrate leadership and accountability

Focus on prevention and outcomes

Leverage partnerships

Promote innovation



GOAL 1

Improve the quality, accessibility, and effective use of healthcare

- A.** Promote the right care at the right time in the right setting
- B.** Sustain healthcare services across South Dakota
- C.** Provide effective oversight and assistance to assure quality healthcare facilities, professionals, and services



GOAL 2

Support life-long health for South Dakotans

- A.** Reduce infant mortality and improve the health of infants, children, and adolescents
- B.** Increase prevention activities to reduce injuries
- C.** Prevent and reduce the burden of chronic disease



GOAL 3

Prepare for, respond to, and prevent public health threats

- A.** Prevent and control infectious disease
- B.** Build and maintain State Public Health Laboratory (SPHL) capacity and ensure a culture of biosafety
- C.** Identify the top hazardous environmental conditions in South Dakota that negatively impact human health
- D.** Strengthen South Dakota's response to current and emerging public health threats
- E.** Prevent injury and illness through effective education and regulation



GOAL 4

Develop and strengthen strategic partnerships to improve public health

- A.** Reduce completed and attempted suicides through statewide and local efforts
- B.** Reduce the health impact of substance abuse and mental health disorders
- C.** Reduce health disparities of at-risk populations through innovative and collaborative efforts



GOAL 5

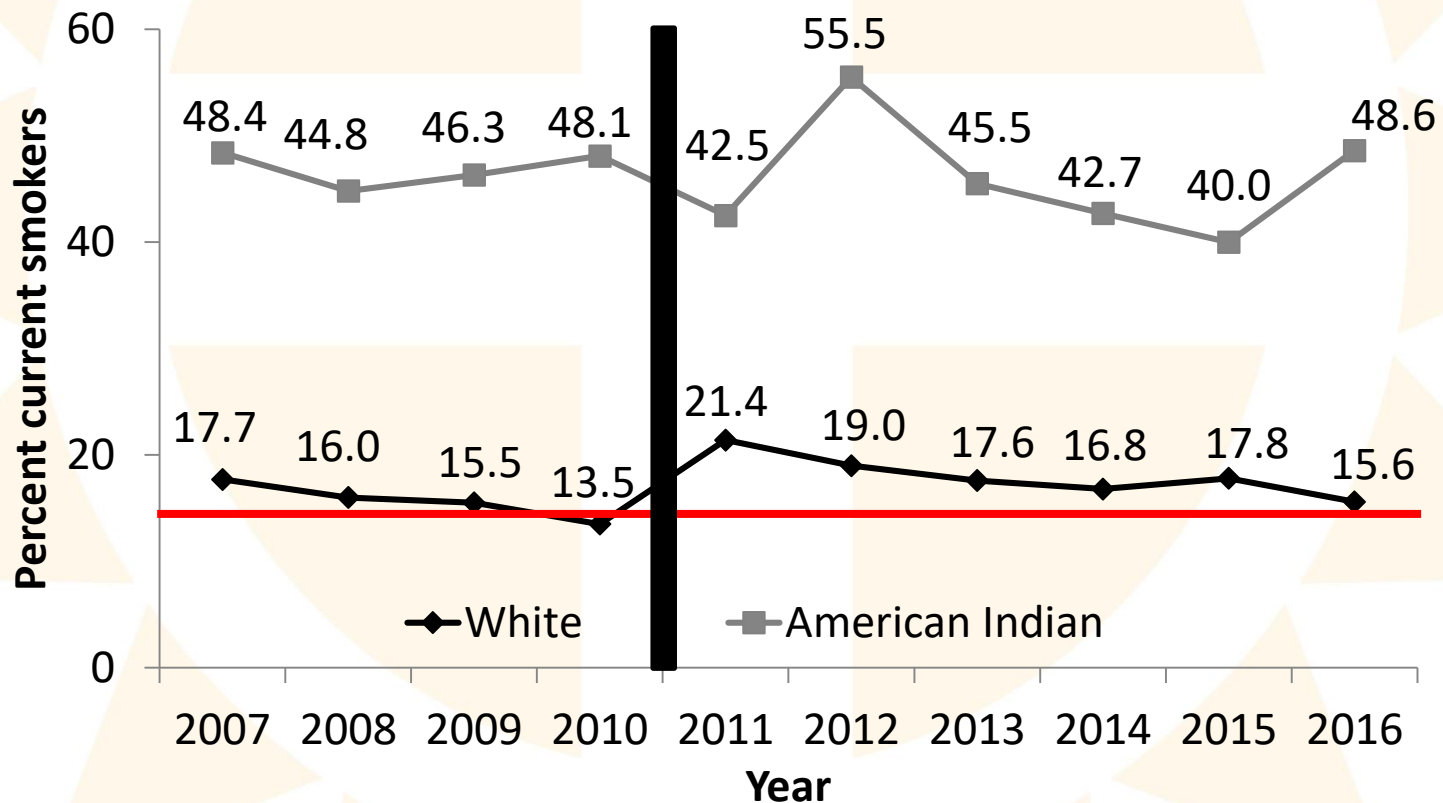
Maximize the effectiveness and strengthen infrastructure of the Department of Health

- A.** Increase effective communication
- B.** Promote a culture of organizational excellence
- C.** Leverage resources to accomplish the Department of Health's mission

Tobacco Use — Adult

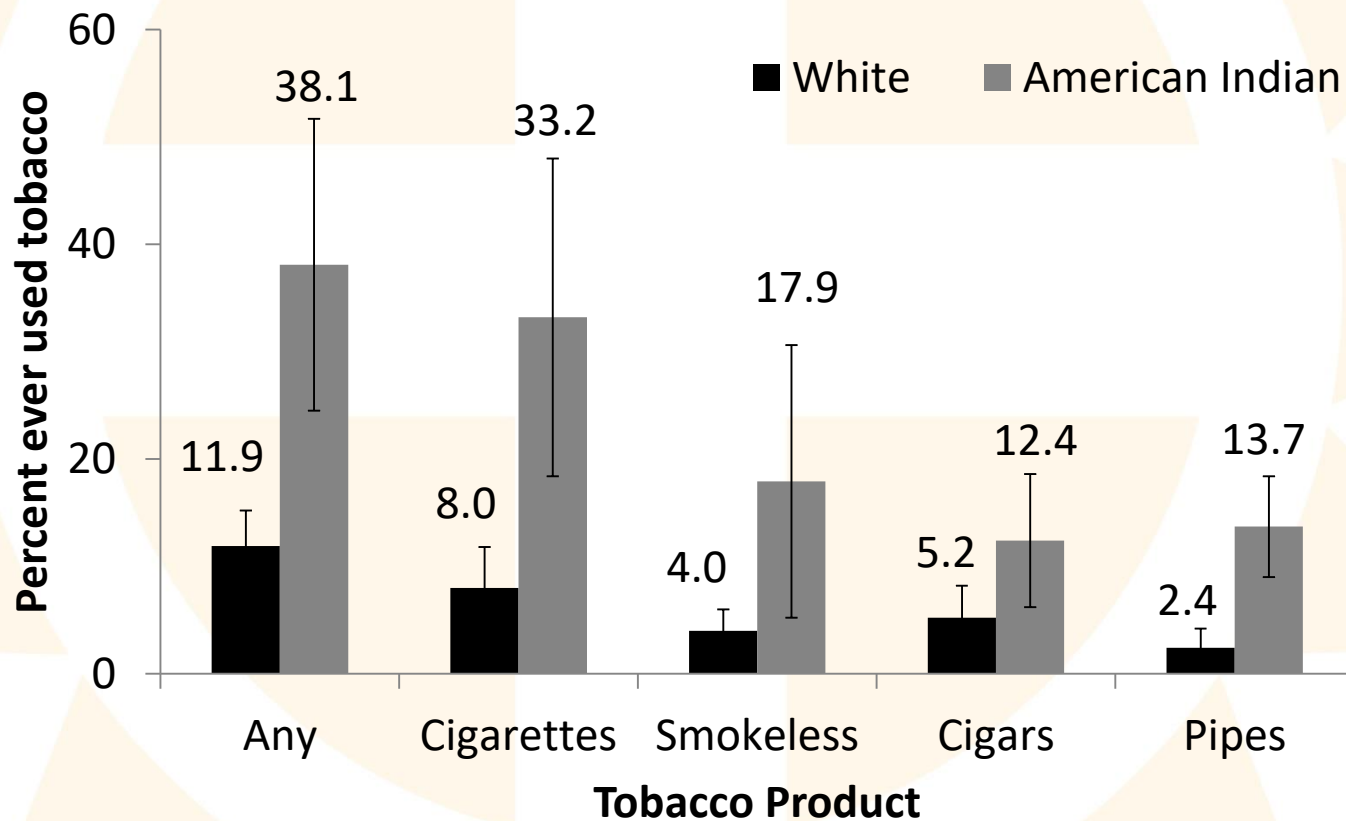
SD Goal: 14.5%

- Adults who are current smokers [SD BRFSS, WEAT]
- Tobacco: commercially produced products, not traditional tobacco



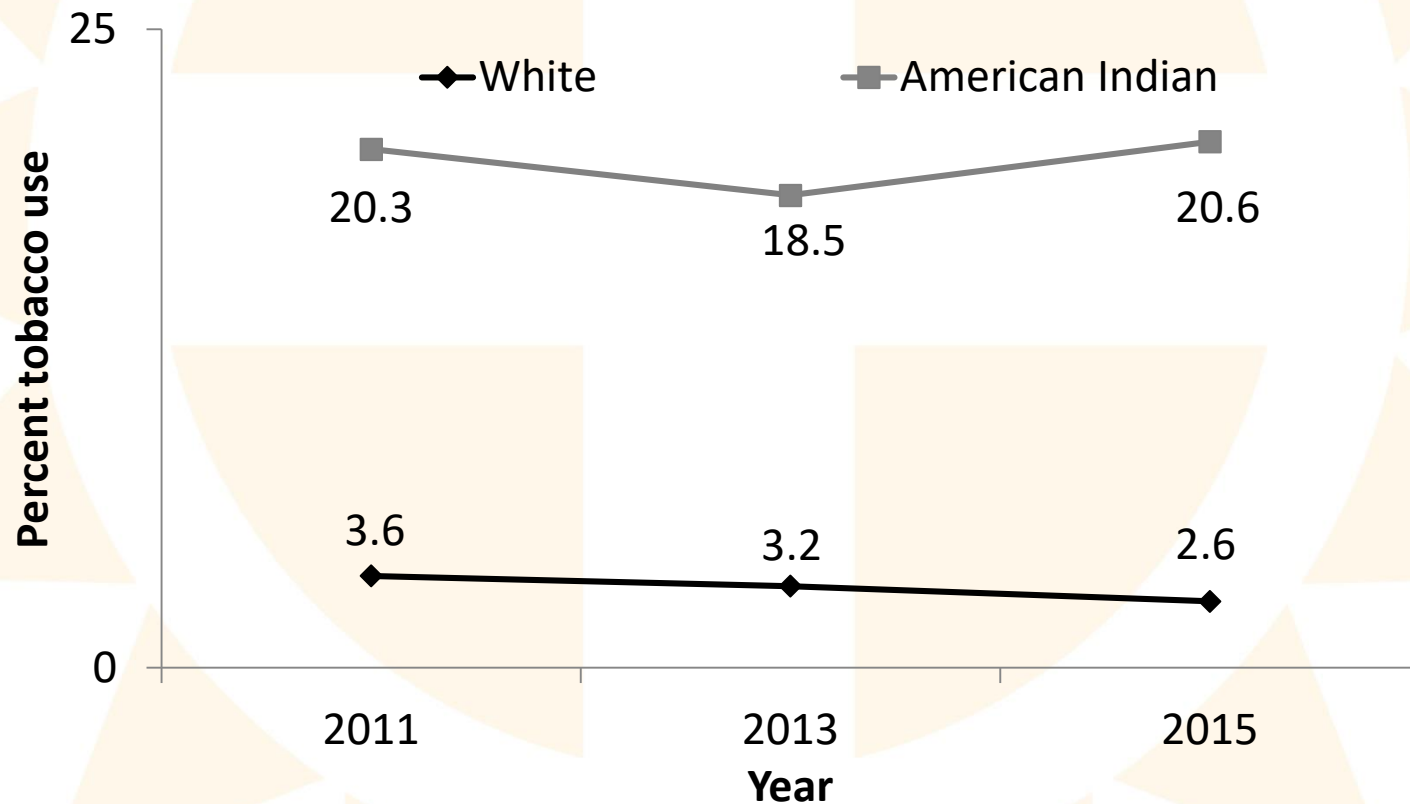
Tobacco Use — Youth

- Youth who ever used tobacco, by product [2015 SD YTS]



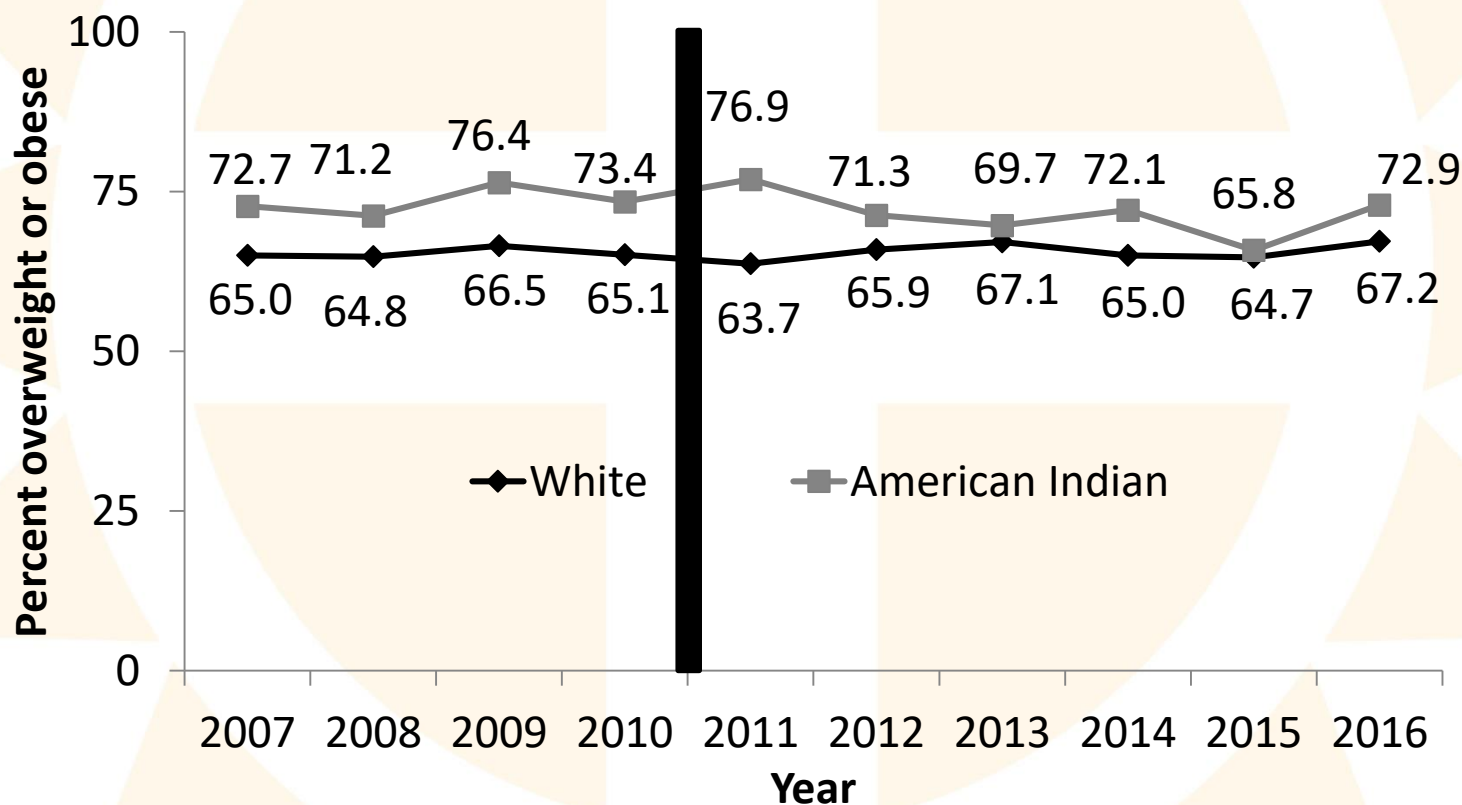
Tobacco Use — Youth

- Youth who used any tobacco product in the past 30 days [SD YTS]



Overweight & Obesity — Adult

- Overweight or obese from reported height and weight [SD BRFSS, WEAT]

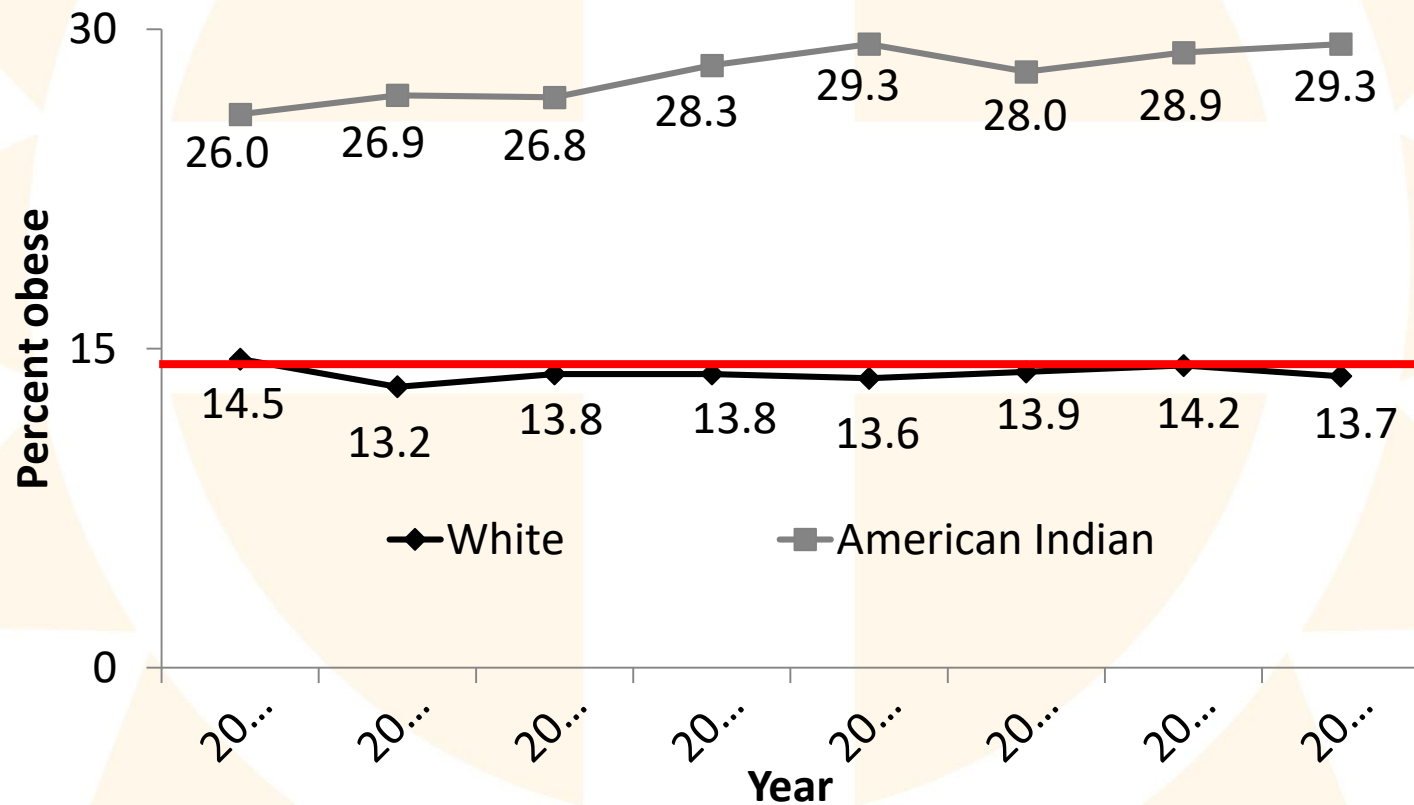


Statistically significant differences in 2009 & 2011

Obesity — Youth

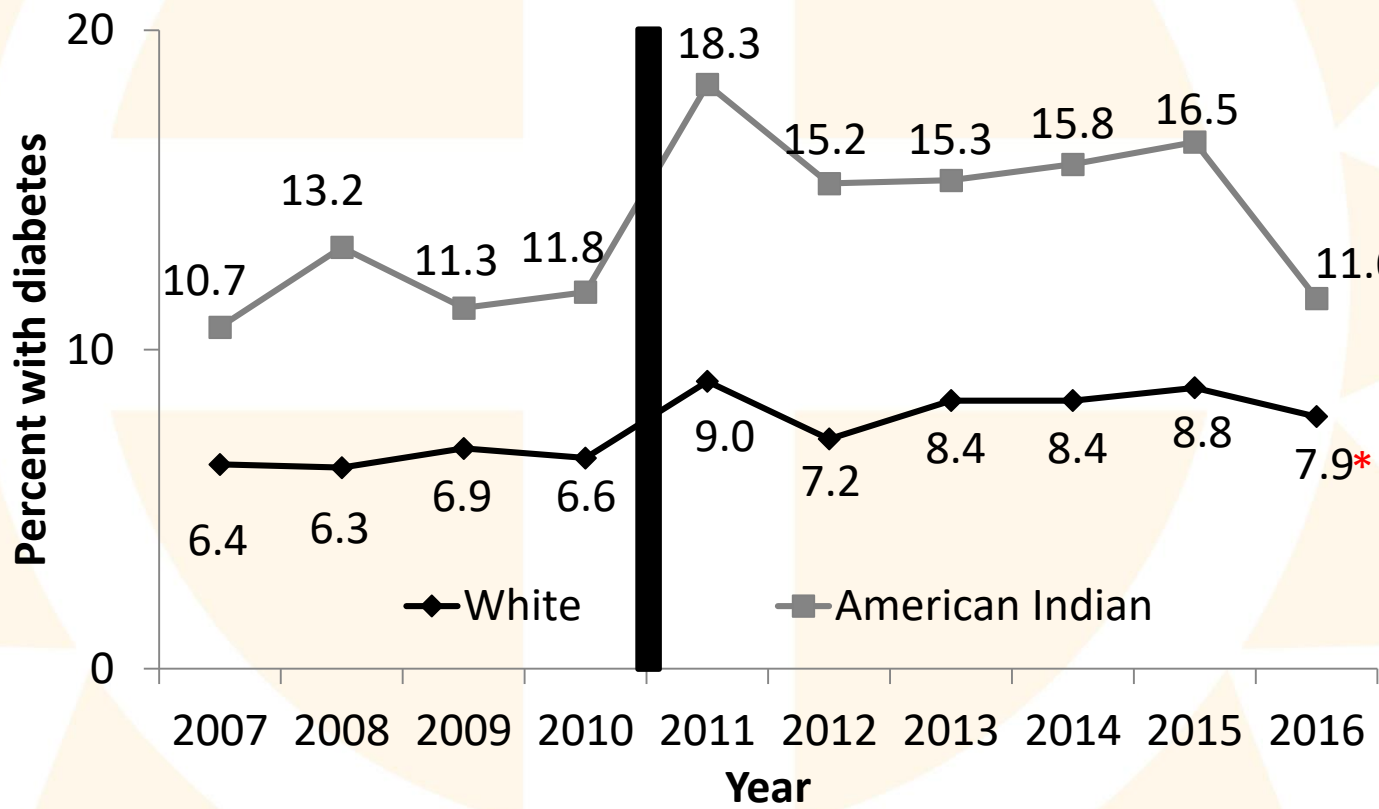
- Obese from reported age, sex, height, and weight [SD School Height and Weight]

SD Goal: 14%



Diabetes

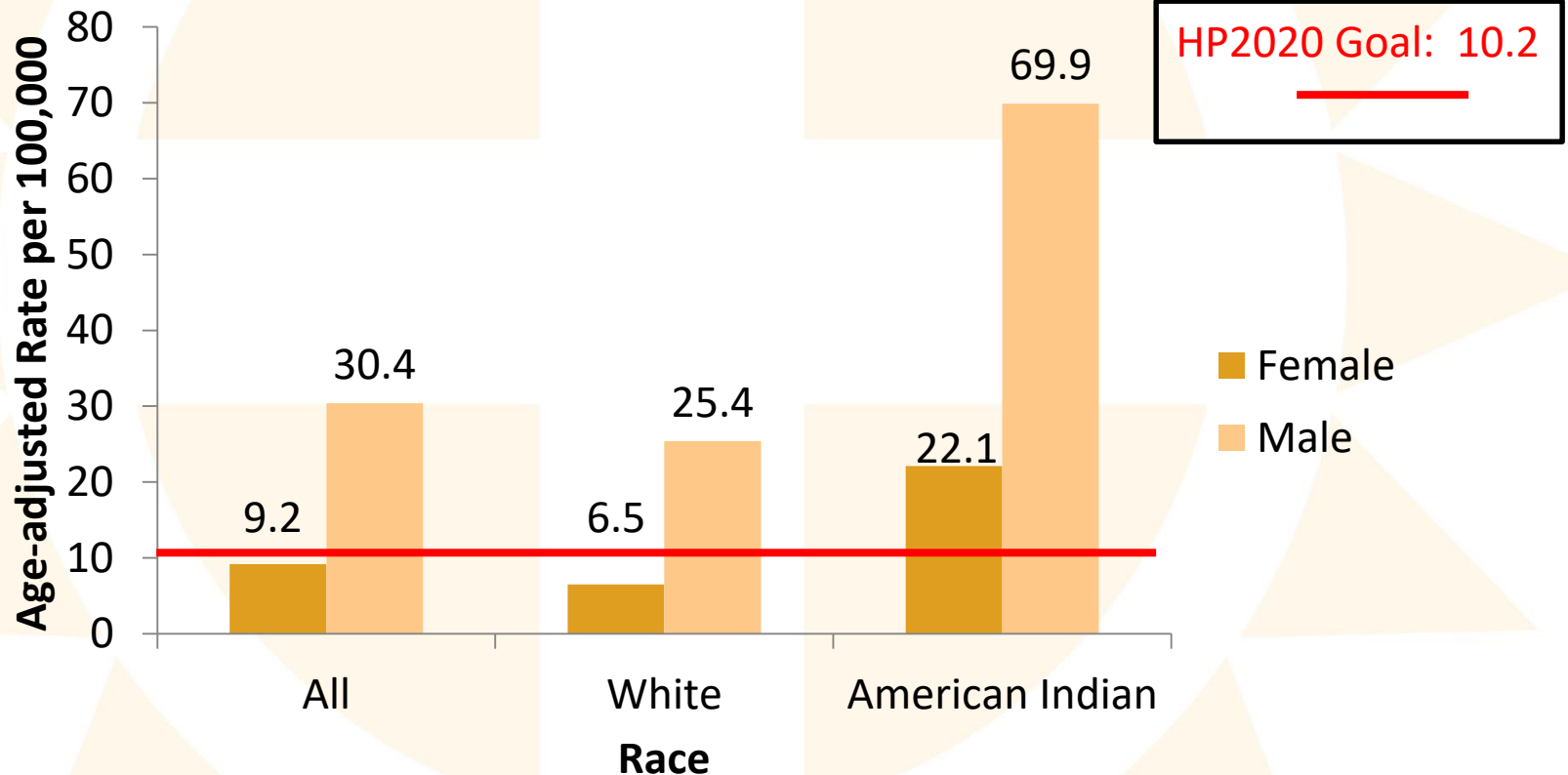
- Ever told have diabetes (excluding pregnancy) [SD BRFSS, WEAT]



* Difference not statistically significant

Suicide

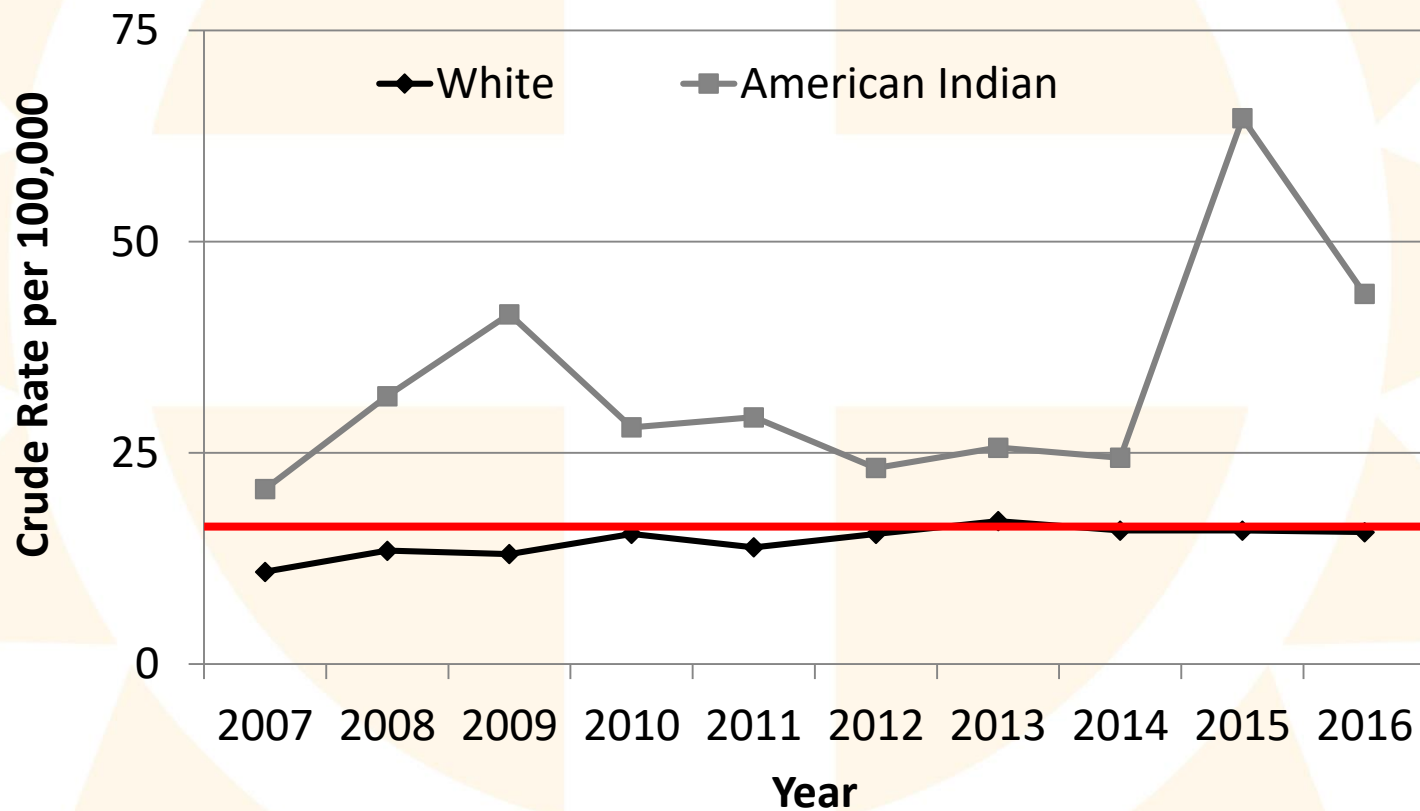
- Death caused by self-directed injurious behavior with an intent to die as a result [2016 SD Mortality Report, age-adjusted rate]



Suicide

SD Goal: 16

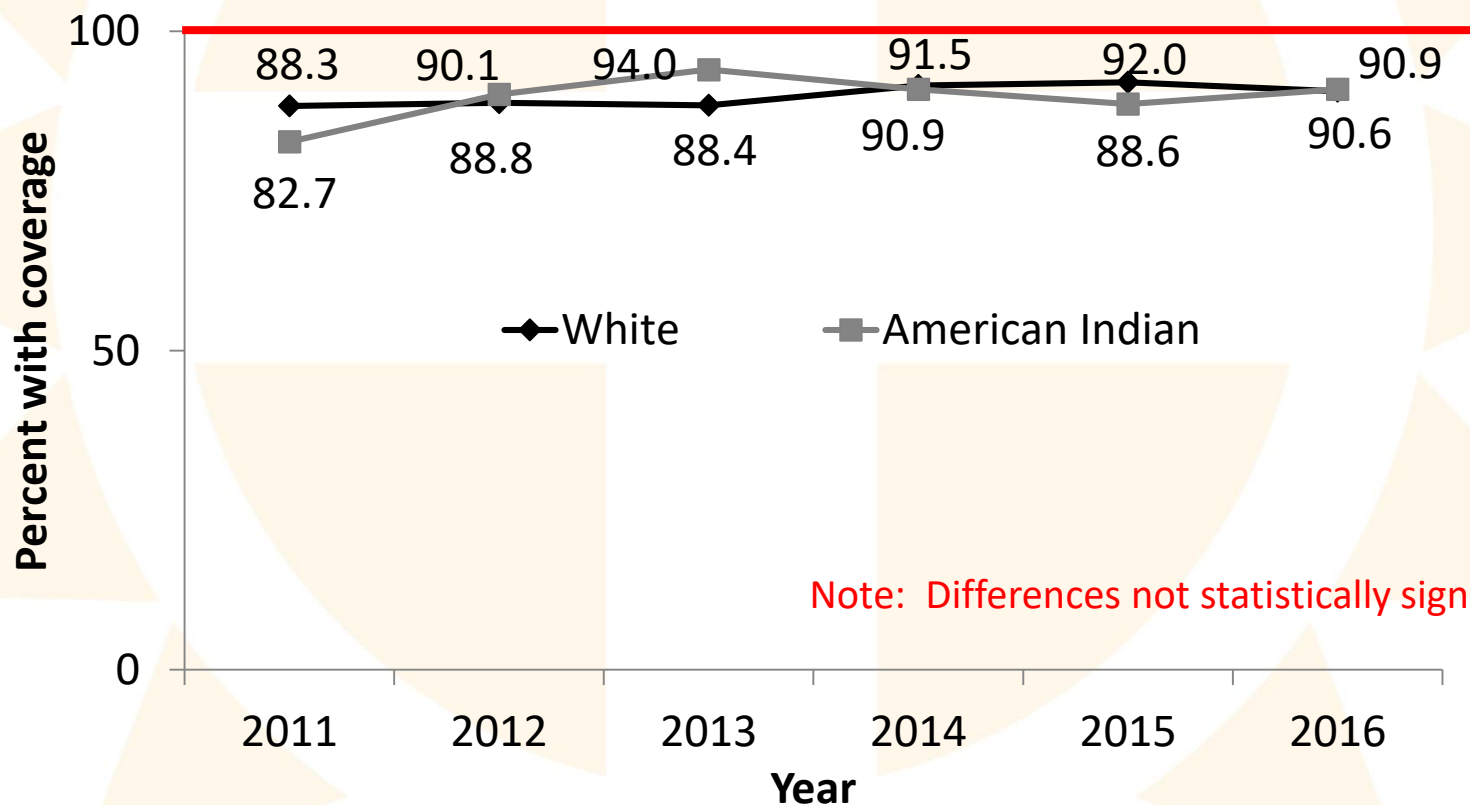
- Death caused by self-directed injurious behavior with an intent to die as a result [SD Mortality Report, crude rate]



Health Access

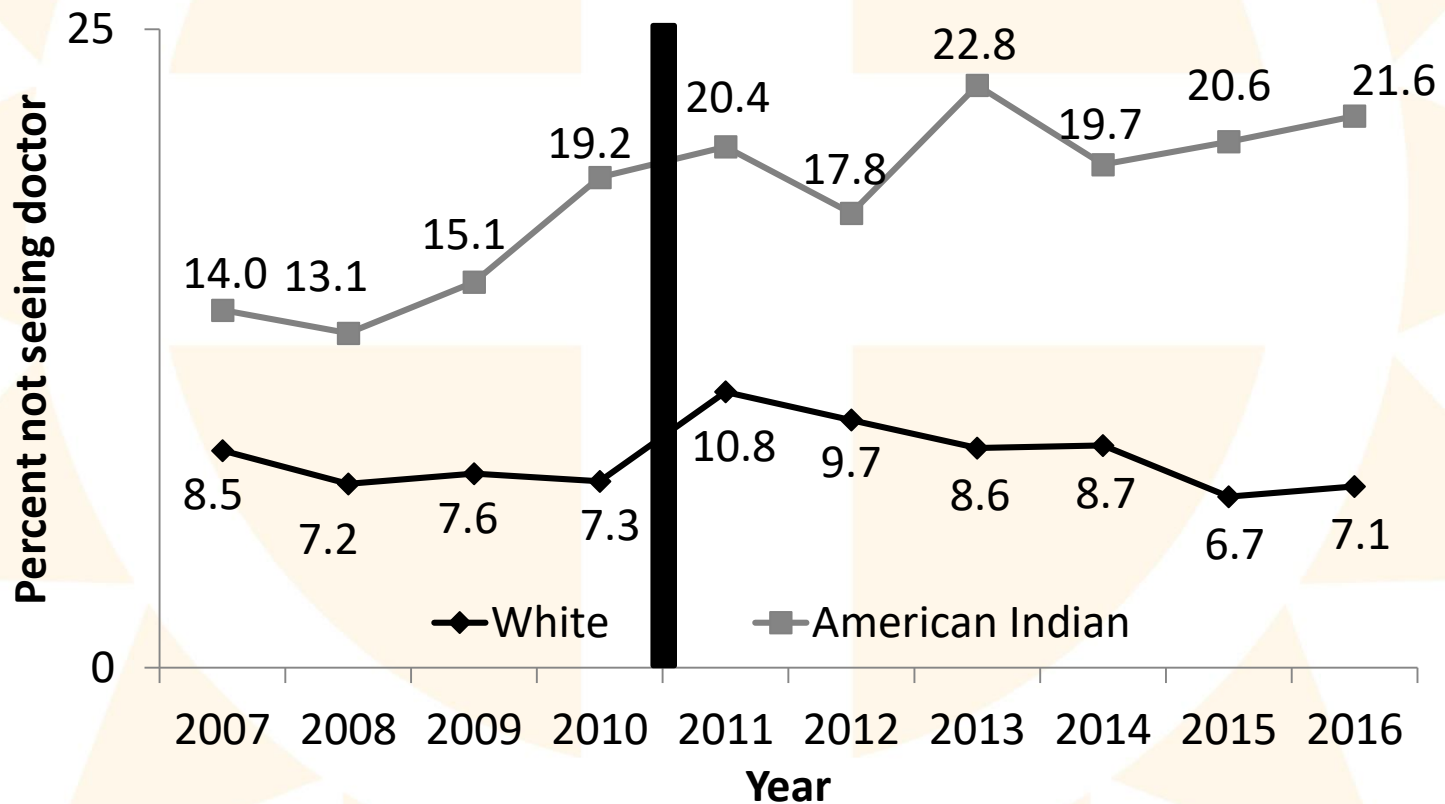
- Adults aged 18-64 years who have any form of health care coverage [SD BRFSS, WEAT]

HP 2020 Goal: 100%



Health Access

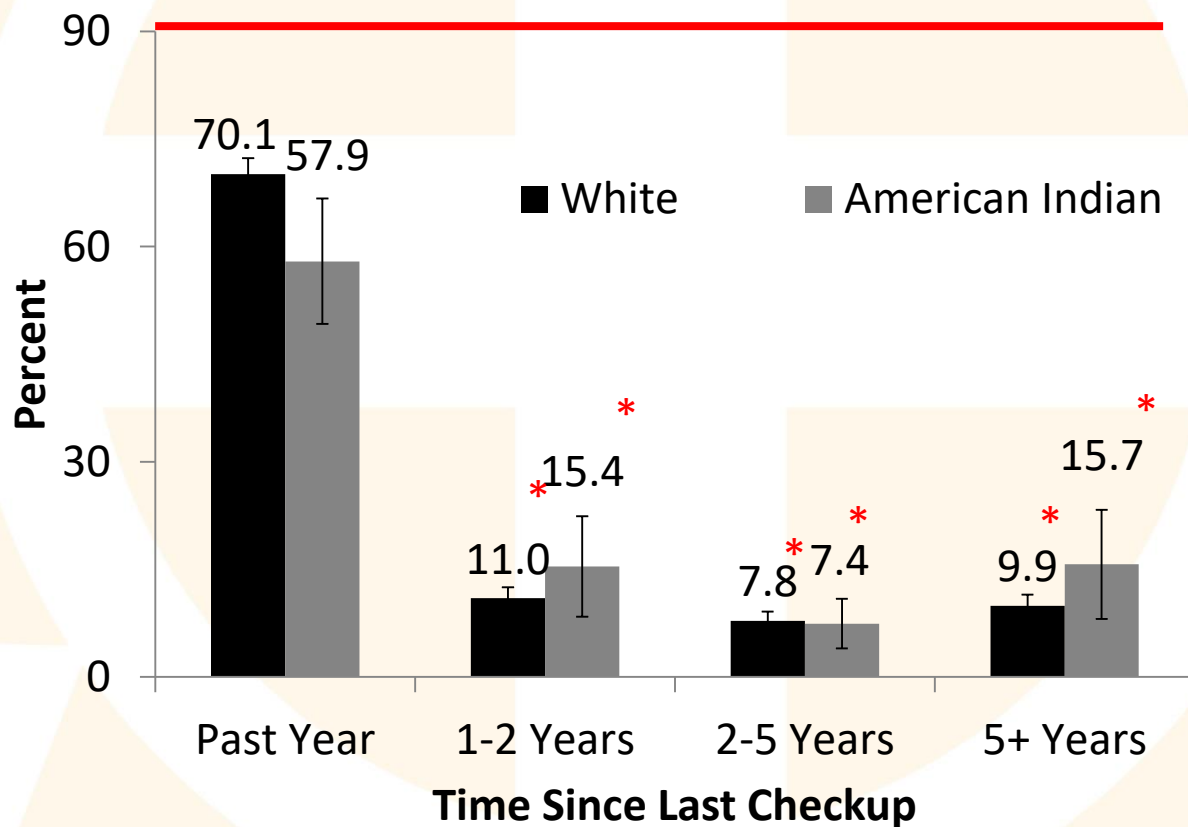
- Could not see doctor because of cost [SD BRFSS, WEAT]



Health Access

- Length of time since last routine checkup
[2016 SD BRFSS, WEAT]

SD Goal: 90%

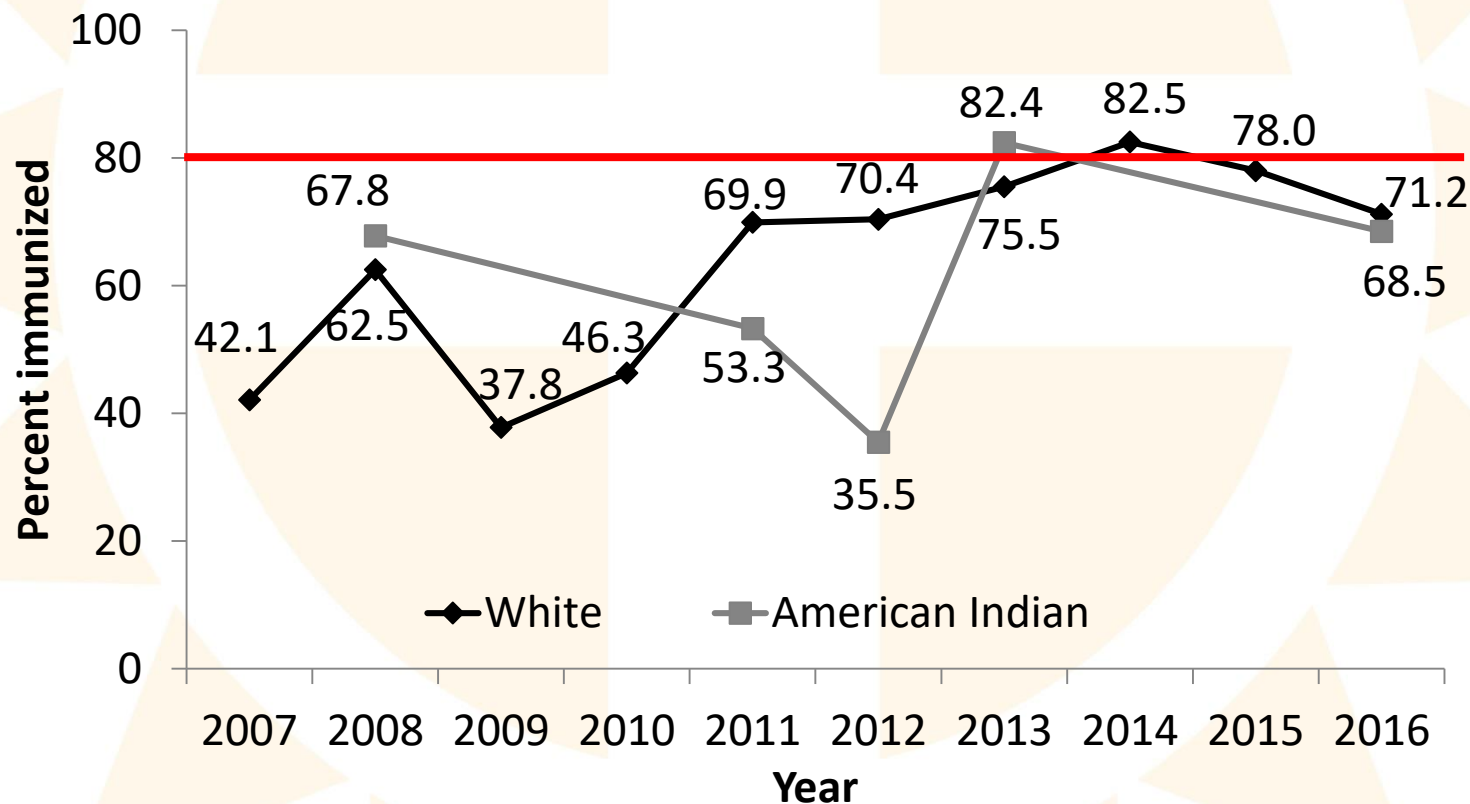


* Difference not statistically significant

Immunization — Child

- Combined 7-vaccine series coverage among children 19–35 months [ChildVaxView]

SD Goal: 80%



Immunization — Child

- 7-vaccine series component coverage among children 19–35 months [ChildVaxView]

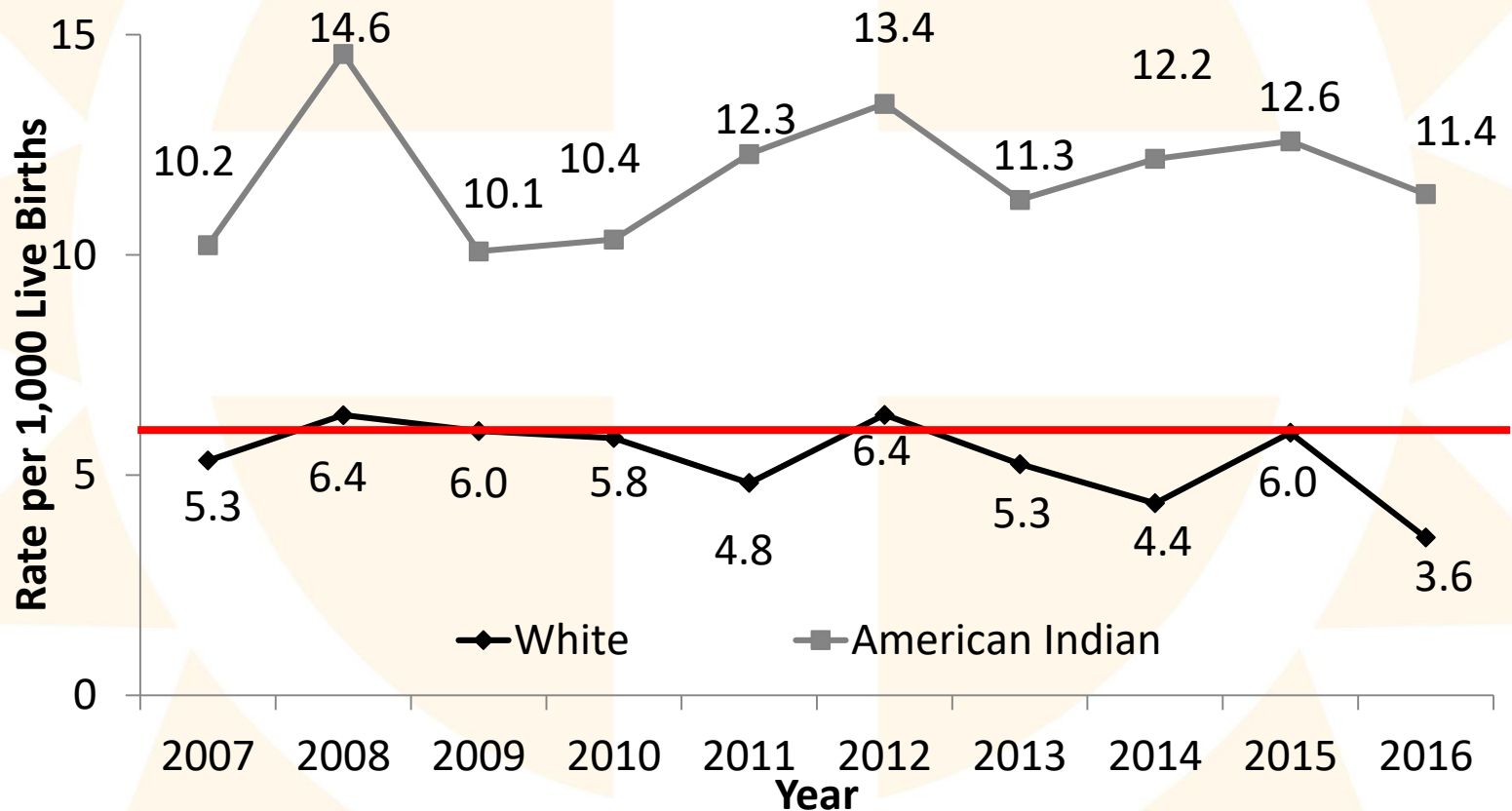
Components	White	American Indian
≥4 doses DTaP	82.8%	76.6%
≥3 doses Polio	94.8%	96.9%*
≥1 dose MMR	92.6%	96.9%*
Hib – Full series	79.4%	82.1%
≥3 doses Hepatitis B	92.0%	100%*
≥1 dose Varicella	91.6%	96.9%*
≥4 doses PCV	86.3%	76.6%

Combined 7 vaccine series (4:3:1:3*:3:1): 4 or more doses of DTaP, 3 or more doses of Polio, 1 or more doses of MMR, Hib full series (3 or 4 doses, depending on product type received), 3 or more doses of HepB, 1 or more doses of Varicella, and 4 or more doses of PCV (In 2013 data, referred to as 4:3:1:4:3:1:4-FS)

Infant Mortality

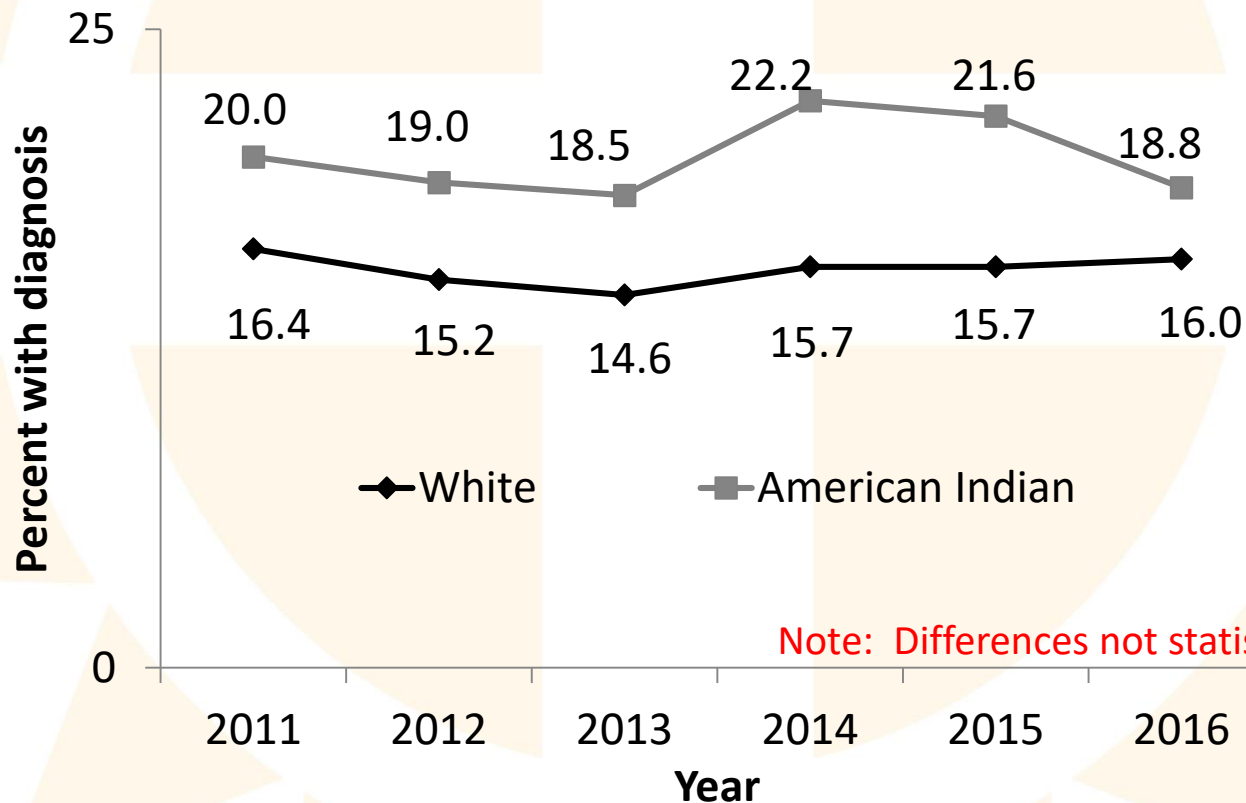
SD Goal: 6.0

- Death of an infant before his or her first birthday
[SD Mortality Report]



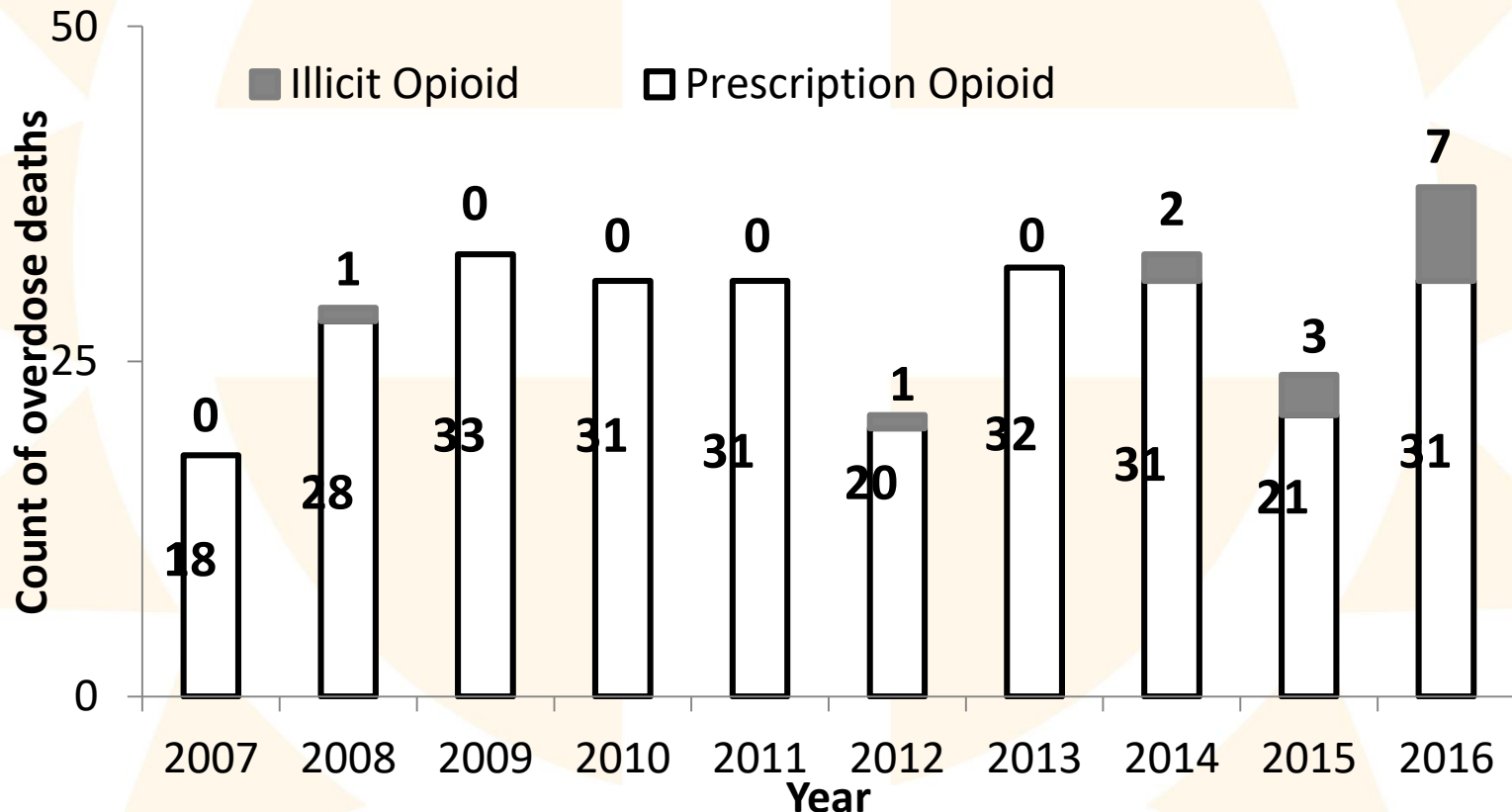
Mental Health

- Ever diagnosed with a depressive disorder, including depression, major depression, dysthymia, or minor depression [SD BRFSS, WEAT]



Deaths Due to All Opioid Poisoning

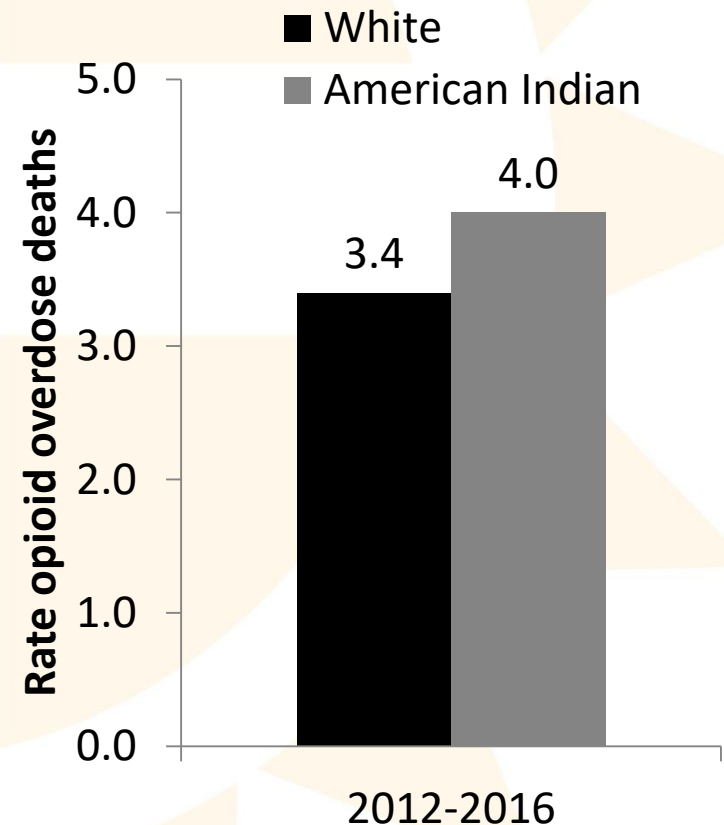
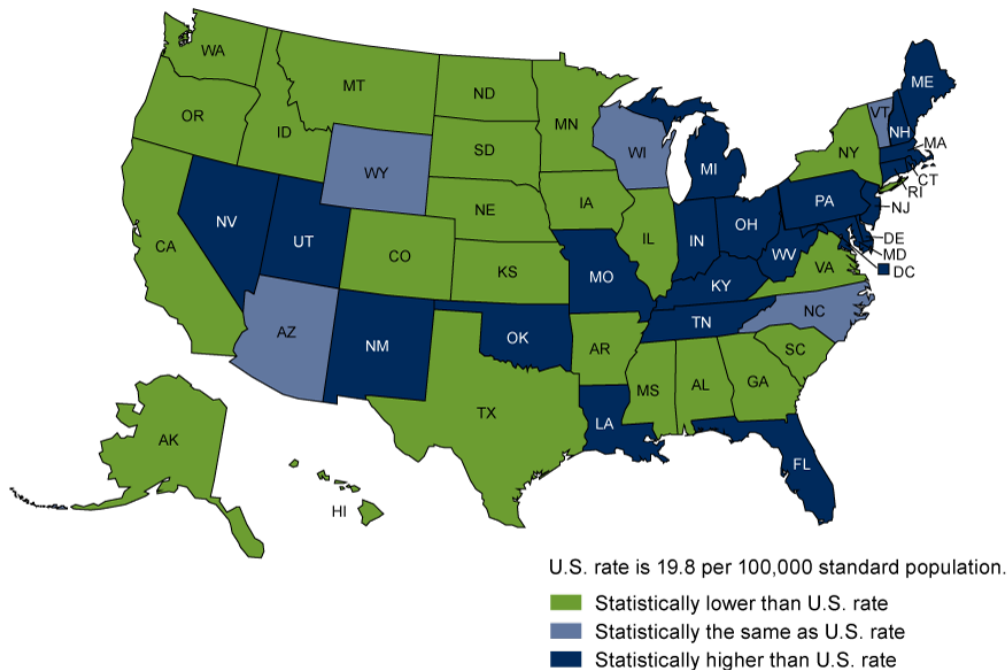
- Includes deaths resulting from unintentional or intentional overdose of a drug, being given the wrong drug, taking a drug in error, or taking a drug inadvertently [2016 SD Mortality Report]



Deaths Due to All Opioid Poisoning

- Includes deaths resulting from unintentional or intentional overdose of a drug, being given the wrong drug, taking a drug in error, or taking a drug inadvertently [SD Mortality Report]

Rate of Drug Overdose Deaths, 2016



Data Sources

- **Behavioral Risk Factor Surveillance System (BRFSS)**
 - CDC Web Enable Analysis Tool (WEAT)
https://www.cdc.gov/brfss/data_tools.htm
 - SD reports <http://doh.sd.gov/statistics/>
- **Youth Tobacco Survey (YTS)** <http://doh.sd.gov/statistics/>
- **SD School Height and Weight Survey**
<http://doh.sd.gov/statistics/school-height-weight.aspx?>
- **Vital Records Reports — Mortality** <http://doh.sd.gov/statistics/>
- **Youth Risk Behavior Survey (YRBS)**
<http://doh.sd.gov/statistics/YRBS.aspx>
- **ChildVaxView** <https://www.cdc.gov/vaccines/imz-managers/coverage/childvaxview/index.html>

Thank You

Acknowledgments

- School administrators and students
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